

INTERNATIONAL SEARCH REPORT

International application No.
PCT/KR2005/000617

A. CLASSIFICATION OF SUBJECT MATTER

IPC7 G06F 12/16

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7 G06F 12/16

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
 Korean Patents and applications for inventions since 1975
 Korean Utility models and applications for Utility models since 1975
 Japanese Utility models and application for Utility models since 1975

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
 eKIPASS

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	KR1019990088321 A (Matsusida Electrics Ltd.) 27 Dec. 1999 see the whole document	1-7
A	JP56019166 A (Fujitsu Ltd.) 23 Feb. 1981 see the abstract	1-7
A	TW 470933 A (AGC Technology, Inc. & ELAN Microelectronics Corp.) 01 Jan. 2002 see the abstract	1-7

Further documents are listed in the continuation of Box C.

See patent family annex.

* Special categories of cited documents:
 "A" document defining the general state of the art which is not considered to be of particular relevance
 "E" earlier application or patent but published on or after the international filing date
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 "O" document referring to an oral disclosure, use, exhibition or other means
 "P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
 "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
 "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
 "&" document member of the same patent family

Date of the actual completion of the international search

08 JULY 2005 (08.07.2005)

Date of mailing of the international search report

11 JULY 2005 (11.07.2005)

Name and mailing address of the ISA/KR

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INTERNATIONAL SEARCH REPORT
Information on patent family members

International application No.
PCT/KR2005/000617

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
KR1019990088321	27.12.1999	CN1150541C CN1236947 CN1236947A CN1501394A EP00957486A2 EP00957486A3 EP0957486A2 EP957486A2 EP957486A3 HK1023209A1 JP11327799A2 JP11327799 JP11327800A2 JP11327800 JP11327801A2 JP11327801 US06618548 US2003194208A US6618548B1	19.05.2004 01.12.1999 01.12.1999 02.06.2004 17.11.1999 04.02.2004 17.11.1999 17.11.1999 04.02.2004 04.02.2005 30.11.1999 30.11.1999 30.11.1999 30.11.1999 30.11.1999 09.09.2003 16.10.2003 09.09.2003
TW470933A	01.01.2002	TW470933B	01.01.2002